



ENERGY AND
ENVIRONMENT CABINET

2023 AML BID ITEM AVERAGE COST

ITEM	UNIT	COUNT	AVERAGE
SITE PREPARATION (PLAN QUANTITY)	ACRE	27	\$4,913.70
SITE PREPARATION- WASTE AREAS	ACRE	12	\$3,475.42
TREE CHIPPING OR DISPOSAL	ACRE	3	\$5,559.89
DOMESTIC, INDUSTRIAL, & MINING DEBRIS DISPOSAL	TON	8	\$2,120.00
GROUT	CY	5	\$329.01
60 KSI REINFORCING STEEL	LBS	18	\$5.69
CONCRETE- FORMED & FINISHED	CY	19	\$893.16
CONCRETE- NONFORMED & NONFINISHED (ENCASEMENT)	CY	7	\$457.86
FILTER FABRIC	SY	18	\$4.88
GEO-GRID	SY	14	\$5.30
NO. 57 STONE BACKFILL	TON	4	\$62.14
NO. 2 STONE BACKFILL	TON	13	\$51.63
CLASS II BACKFILL	TON	17	\$107.40
10- SILT CONTROL			
SILT BARRIER - BALES & FENCE	LF	27	\$5.29
SILT TRAP - TYPE A & B	EACH	5	\$1,448.00
SILT CONTROL GABION (WEIRS, CATCH BASINS)	CY	1	\$200.00
EARTHWORK			
PILOT HOLE (3" DIA.)	LF	5	\$21.06
EXPLORATION ROCK DRILLING	LF	2	\$55.56
HOE RAM	HOUR	20	\$178.83
EARTHWORK (LUMP SUM)	L.S.	11	\$19,409.09
EARTHWORK (PLAN QUANTITY)	CY	9	\$14.42
EARTHWORK (MEASURED)	CY	4	\$11.00
EARTHWORK - GRADEWORK	ACRE	3	\$7,666.67
20- DRAINAGE CONTROL			
EROSION CONTROL BLANKET- ECB	SY	11	\$9.68
CLASS II / III	TON	19	\$43.03
CYCLOPEAN RIP-RAP	TON	2	\$48.00
ONSITE ROCK	TON	1	\$100.00
CONCRETE BLOCK- TIED MAT	SF	3	\$10.00
GABION RECTANGULAR DITCH	CY	2	\$275.00
CONCRETE DITCH- RECTANGULAR GRATE AND ANCHOR	LF	3	\$177.50
SHEET-CHIMNEY DRAIN	SF	1	\$8.00
ROCK CORE DRAIN	LF	1	\$121.32
RETAINING WALL SUBDRAIN	LF	12	\$32.38

SUBDRAIN	LF	16	\$46.92
SUBDRAIN CONCRETE COLLARS	EACH	3	\$233.33
MANHOLE STRUCTURE	EACH	1	\$20.00
12" HDPE (STANDARD)	LF	2	\$42.50
15" HDPE (STANDARD)	LF	1	\$50.00
18" HDPE (STANDARD)	LF	10	\$60.40
24" HDPE (STANDARD)	LF	10	\$93.66
36" HDPE (STANDARD)	LF	4	\$171.25
48" HDPE (STANDARD)	LF	1	\$215.00
60" HDPE (STANDARD)	LF	1	\$234.00
36" DWPP	LF	1	\$150.00
42-48" DWPP	LF	1	\$200.00
48" RHDPE (REINFORCED)	LF	1	\$318.00
12" RCP	LF	1	\$100.00
DROP BOX- PLASTIC	EACH	1	\$2,500.00
DROP BOX- CONCRETE	EACH	2	\$8,708.50
JUNCTION BOX	EACH	1	\$3,000.00
CONCRETE HEADWALL- PIPES ≤36" DIA.	EACH	11	\$3,045.45
CONCRETE HEADWALL- PIPES >36" DIA.	EACH	4	\$3,925.00
CONCRETE HEADWALL- MULTI-BARREL	EACH	1	\$13,800.00
GABION HEADWALL	CY	4	\$333.00
CULVERT DEBRIS BARRIER	EACH	1	\$1,150.00
30- RETAINING WALL STRUCTURES			
SOIL DRILLING (8")	LF	4	\$37.80
SOIL DRILLING (12")	LF	1	\$20.00
SOIL DRILLING (15")	LF	2	\$30.00
SOIL DRILLING (18")	LF	1	\$37.50
SOIL DRILLING (24")	LF	1	\$70.00
SOIL DRILLING (36")	LF	2	\$68.75
ROCK DRILLING (8")	LF	1	\$52.50
ROCK DRILLING (12")	LF	3	\$30.00
ROCK DRILLING (15")	LF	2	\$65.00
ROCK DRILLING (18")	LF	1	\$57.70
ROCK DRILLING (24")	LF	1	\$85.00
ROCK DRILLING (36")	LF	2	\$103.75
CASING	LF	2	\$38.75
STEEL PILES (W8 x 40)	LF	3	\$60.83
STEEL PILES (W24 X 68)	LF	2	\$822.50
RAILROAD RAILS- 130 LBS./YD.	LF	4	\$23.25
GUARDRAIL LAGGING	LF	5	\$12.40
NON-REINFORCED CONCRETE BLOCK WALL- TYPE II	SF	1	\$150.00
GABION RETAINING WALL	CY	4	\$275.00
PRE-CAST CONCRETE LAGGING	EACH	2	\$325.00
40- SUBSIDENCE, PORTAL CLOSURES, & HIGHWALLS			
POLYURETHANE FOAM	CY	1	\$575.00
PORTAL CLOSURE	EACH	4	\$4,587.50
REVEGETATION		3	\$4,778.67
SEEDBED PREPARATION	ACRE	13	\$793.08
AGRICULTURAL LIMESTONE	TON	12	\$151.75

FERTILIZER	TON	12	\$1,612.75
SEED	LBS	12	\$17.67
MULCH- STRAW & HAY	ACRE	9	\$1,612.22
MULCH- STRAW & HAY (TON)	TON	1	\$1.00
HYDROMULCH & HYDROSEEDING	ACRE	4	\$4,250.00
COVER CROP	BUSHEL	10	\$113.50
REVEGETATION (for very small areas < 0.5 Acre)	L.S.	3	\$1,400.00
RESIDENTIAL SEEDING	ACRE	18	\$2,233.83
50- ACCESS REPAIR AND SAFETY			
DENSE GRADE AGGREGATE FOR ROADWAYS	TON	15	\$41.12
ROADWAY STONE	TON	25	\$42.63
BITUMINOUS REPAIR	TON	17	\$208.27
FLOWABLE FILL	CY	3	\$339.99
ACCESS GATE	EACH	1	\$1,000.00
TEMPORARY LOW WATER CROSSING	EACH	3	\$10,666.67
DEBRIS BARRIER WALL- BALE & PLYWOOD	LF	6	\$75.83
CHAIN-LINK FENCE	LF	13	\$52.62
WOVEN-WIRE FENCE	LF	1	\$20.00
STEEL "W" BEAM GUARDRAIL BARRIER	LF	3	\$52.13
GUARDRAIL TERMINAL SECTION	EACH	2	\$1,000.00